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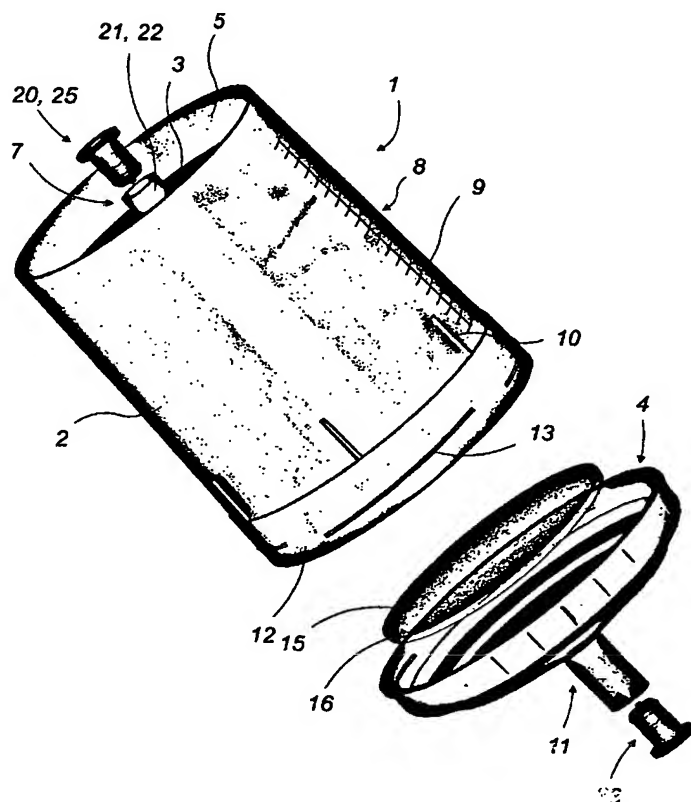
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[Continued on next page]

(54) Title: DISPOSABLE CUP TO BE SET UP ON A SPRAY GUN FOR PREPARING, APPLYING AND PRESERVING A PAINT



(57) Abstract: Disposable cup for preparing, applying and preserving a paint to be set up on a paint spray gun characterized in that it includes on one of its end faces a closable vent device (7) forming a vent valve with valve duct (22) and valve plug (25) which allows when opened, to let the air pass for occupying the inner volume that empties and when closed, to close liquid-tightly the opening (6) of air passage to form a container for the preparation of the paint and then to form a pot for the preservation of the leftover paint. This invention is of interest to manufacturers of paint spray guns.



Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*
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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 987 060 A (CAMILLERI MICHEL) 22 March 2000 (2000-03-22) paragraphs '0001!', '0027!'; claims 1,2; figures 5-7	1-4,9, 12,16,21
Y	----- WO 03/045575 A (RUDA MARTIN) 5 June 2003 (2003-06-05) page 12, lines 25-28; figures 3,4,6,9,10	1-4,9, 12,16,21
A	----- US 2003/121476 A1 (PIKE REX ALAN ET AL) 3 July 2003 (2003-07-03) paragraph '0031!'; figures 1,2	1
A	----- US 2002/134861 A1 (JOSEPH STEPHEN C P ET AL) 26 September 2002 (2002-09-26) figures	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0987060	A	22-03-2000	FR 2783440 A1	24-03-2000
			EP 0987060 A1	22-03-2000
WO 03045575	A	05-06-2003	DE 10213715 A1	22-05-2003
			AU 2002342550 A1	10-06-2003
			WO 03045575 A1	05-06-2003
			DE 10295453 D2	14-10-2004
			EP 1446232 A1	18-08-2004
			US 2004217201 A1	04-11-2004
US 2003121476	A1	03-07-2003	AU 768928 B2	08-01-2004
			AU 2701400 A	29-08-2000
			WO 0047162 A1	17-08-2000
			NZ 513973 A	30-01-2004
			NZ 525846 A	31-10-2003
			US 6543632 B1	08-04-2003
US 2002134861	A1	26-09-2002	US 6536687 B1	25-03-2003
			US 2004016825 A1	29-01-2004
			CA 2380462 A1	22-02-2001
			DE 20023419 U1	26-02-2004
			DE 60006257 D1	04-12-2003
			DE 60006257 T2	13-05-2004
			EP 1210181 A1	05-06-2002
			EP 1366823 A1	03-12-2003
			ES 2204678 T3	01-05-2004
			JP 2003507167 T	25-02-2003
			WO 0112337 A1	22-02-2001